

Server Components Supporting Application Delivery & Execution License

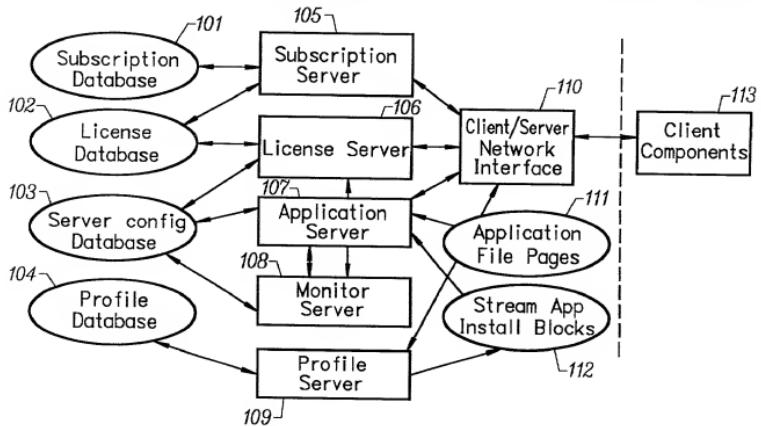


FIG. 1

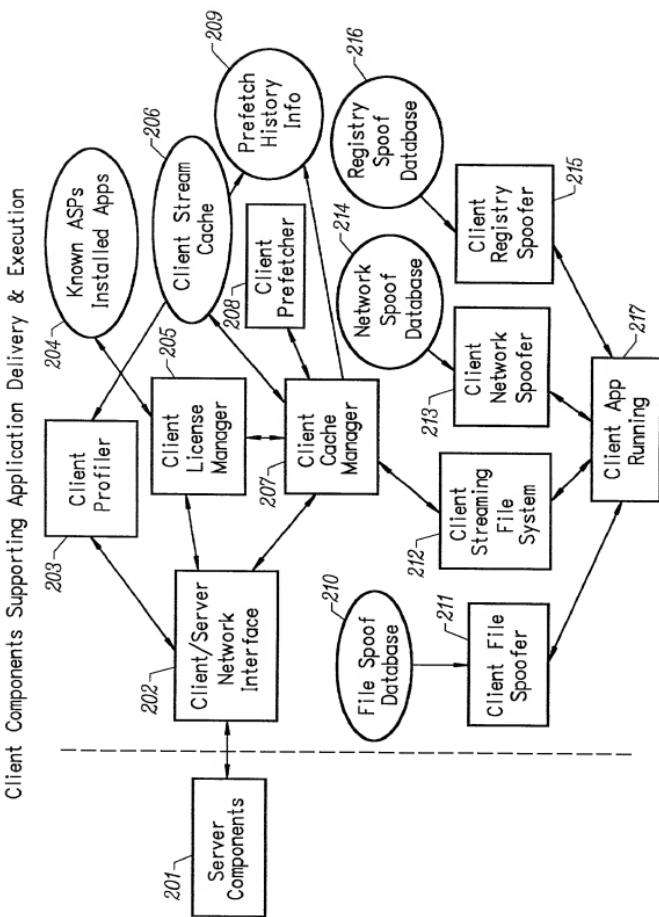


FIG. 2

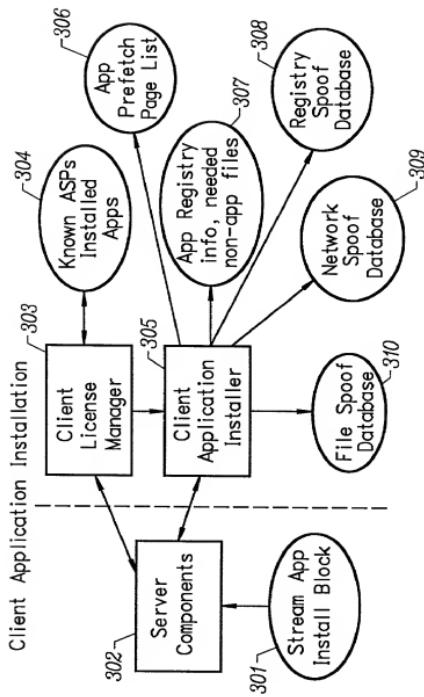


FIG. 3

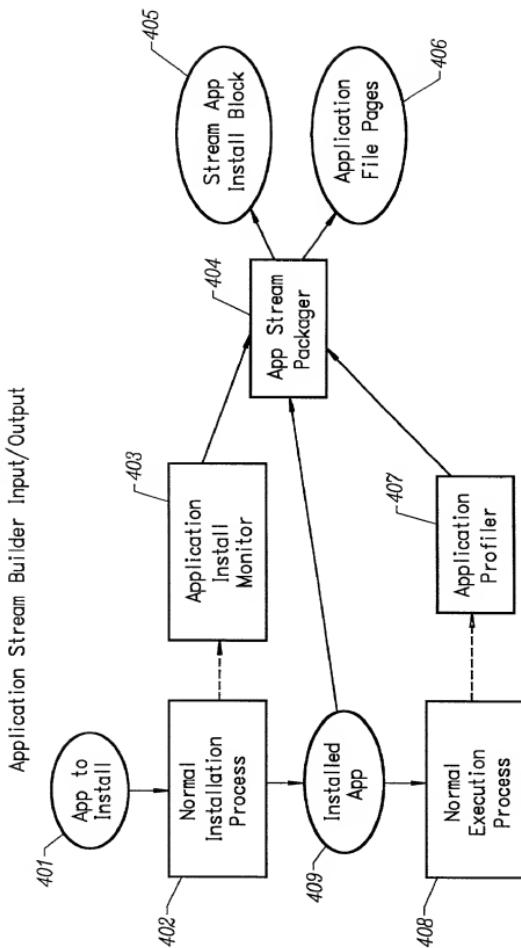


FIG. 4

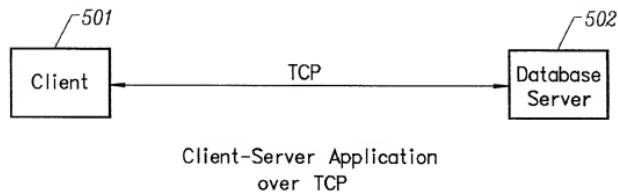


FIG. 5A

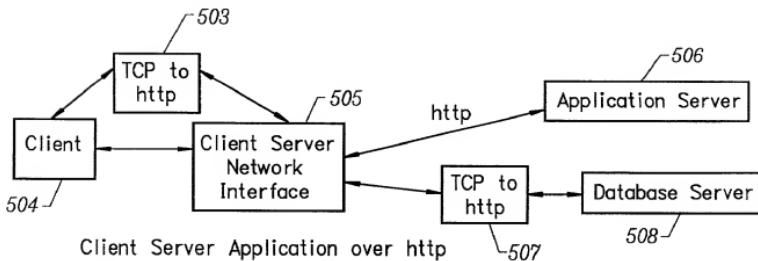


FIG. 5B

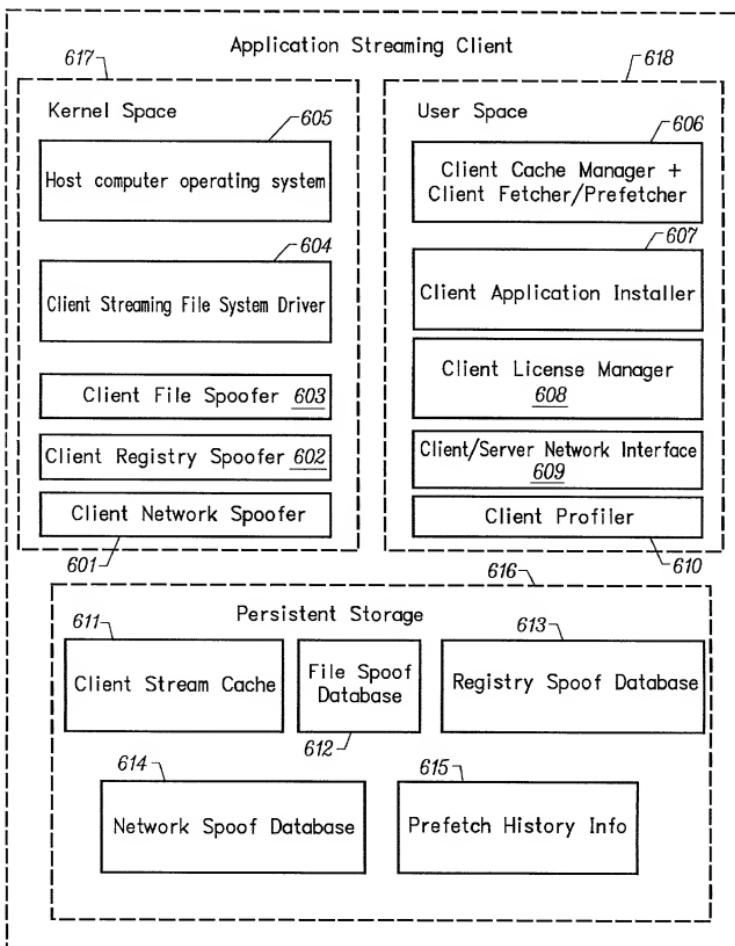


FIG. 6A

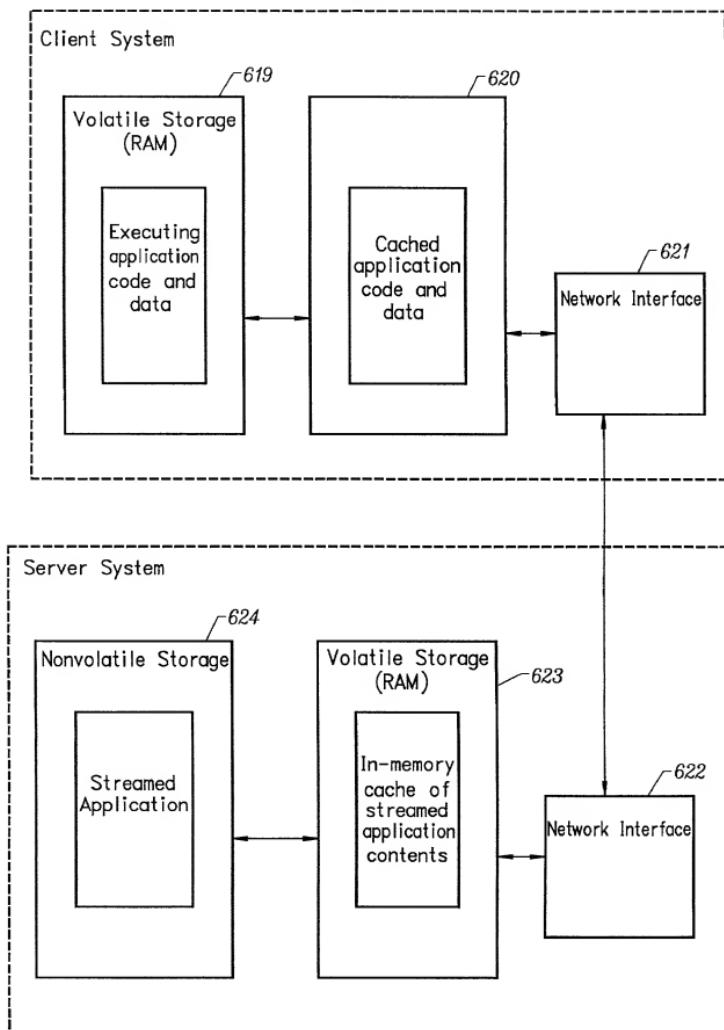


FIG. 6B

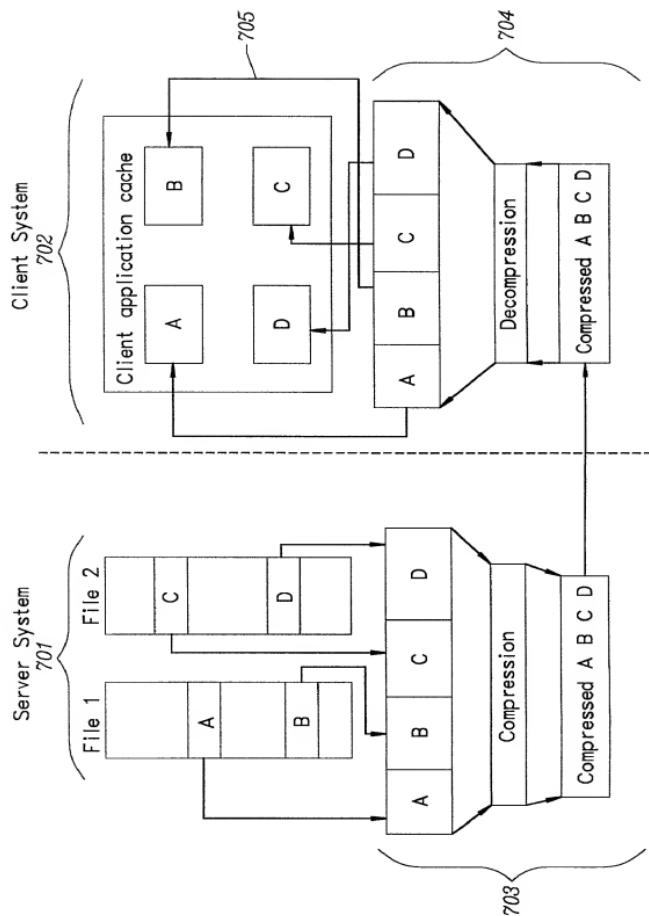


FIG. 7A

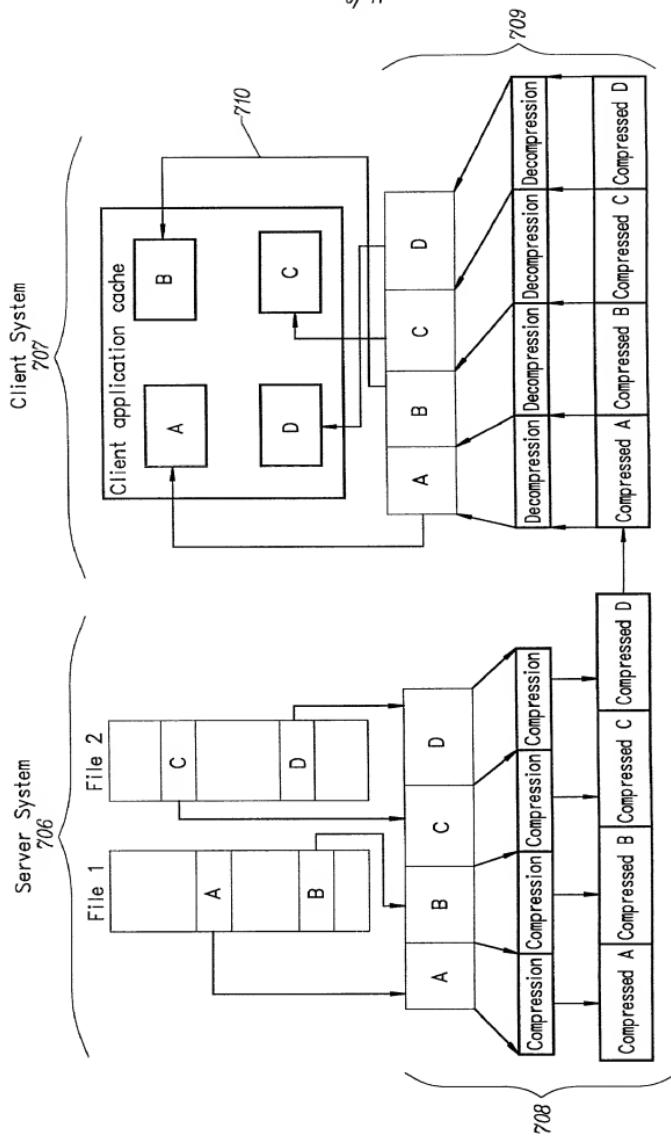


FIG. 7B

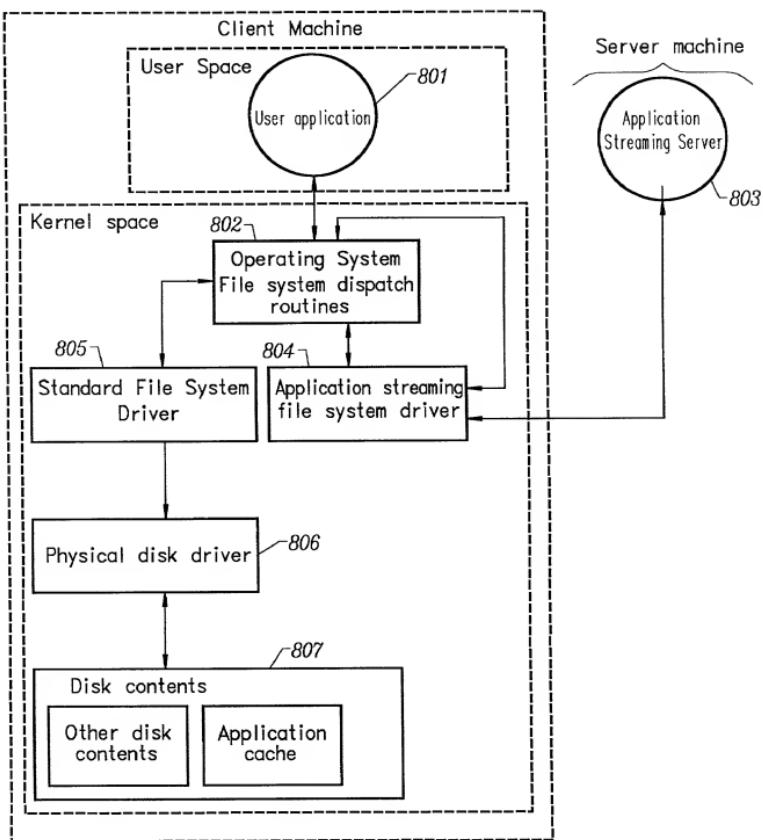


FIG. 8

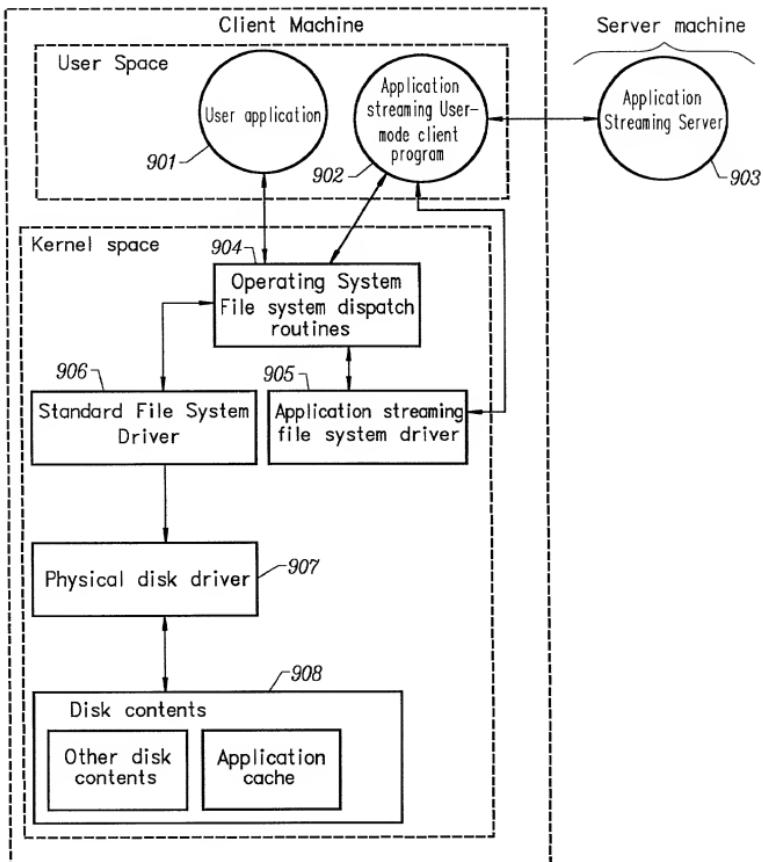


FIG. 9

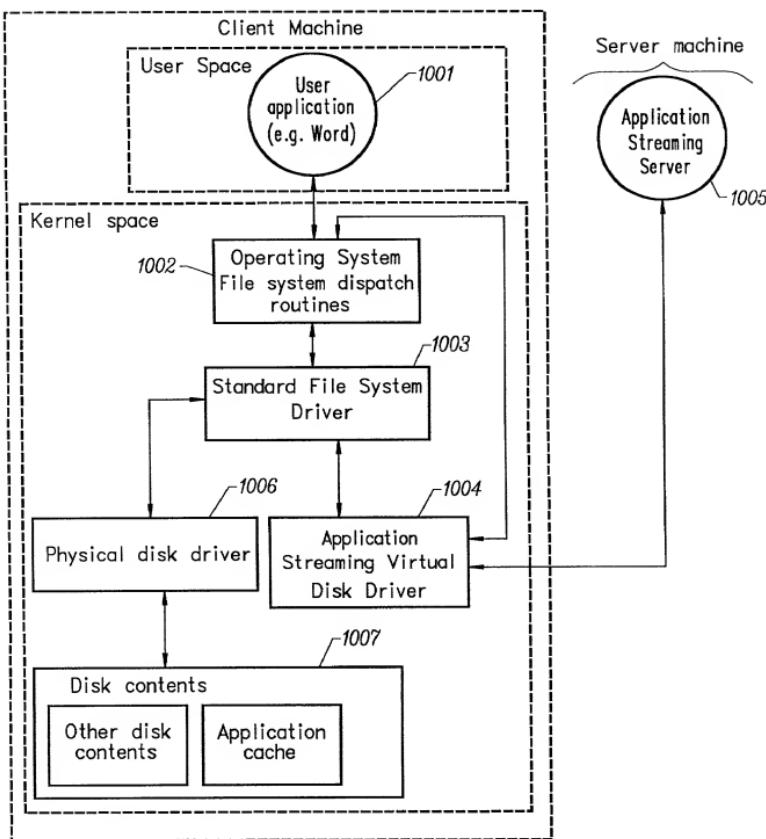


FIG. 10

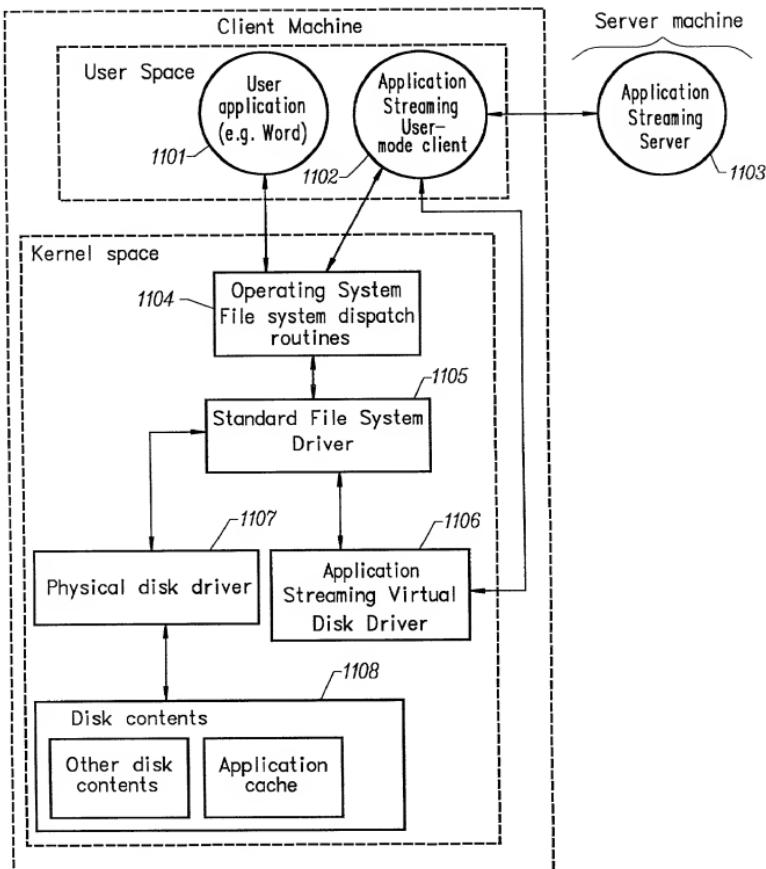
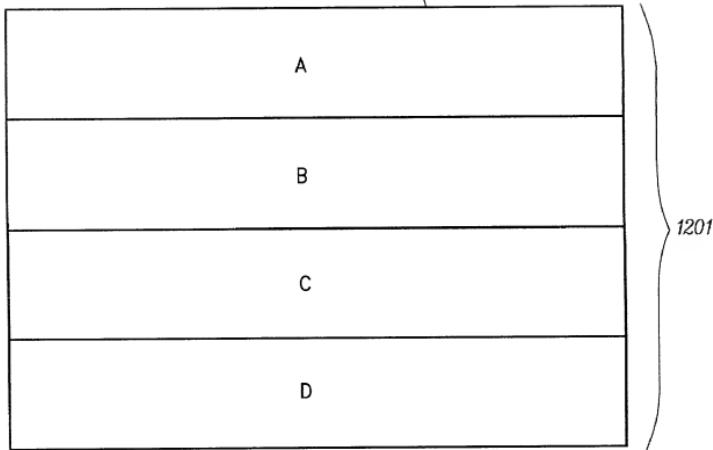


FIG. 11

Unencrypted Cache



Encrypted Cache

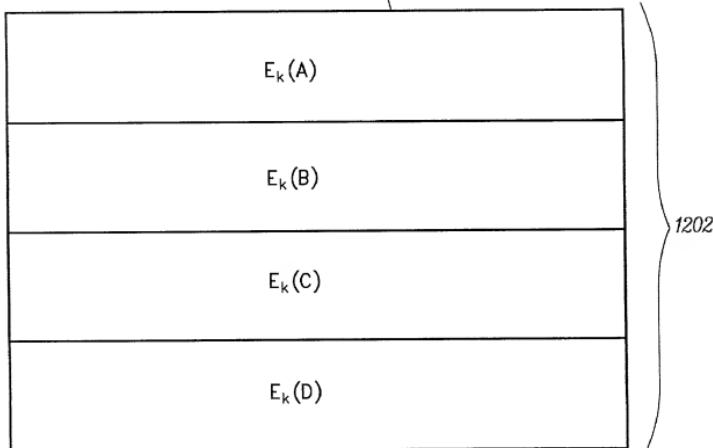


FIG. 12

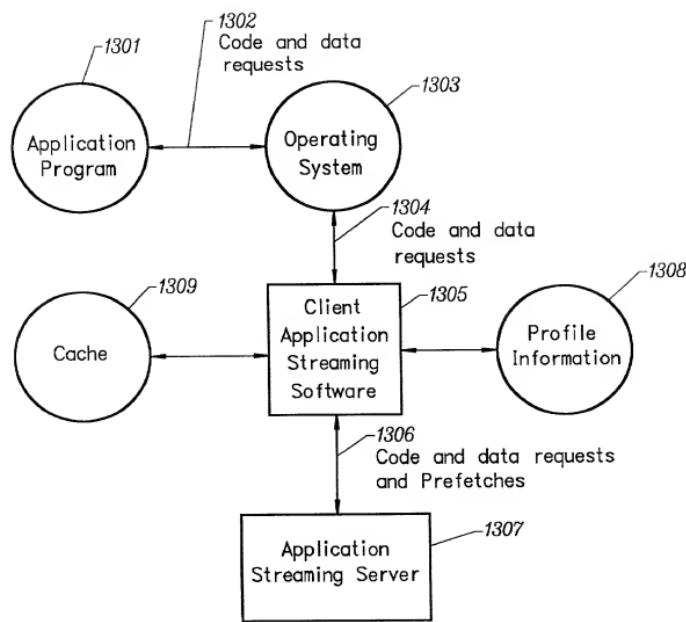


FIG. 13

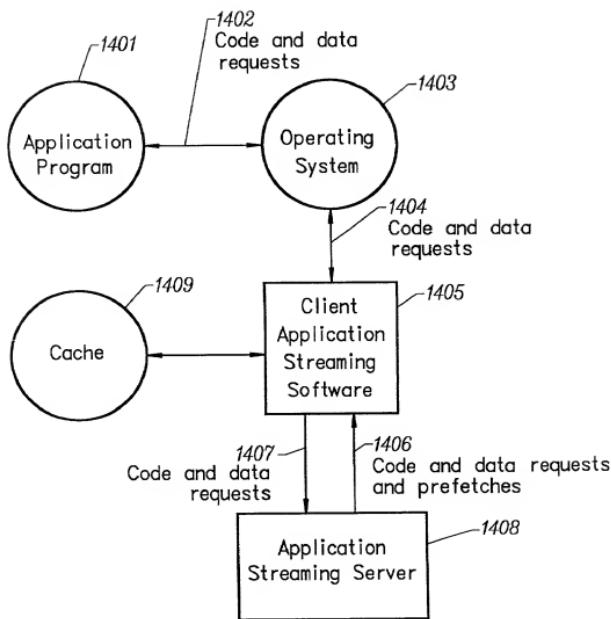


FIG. 14

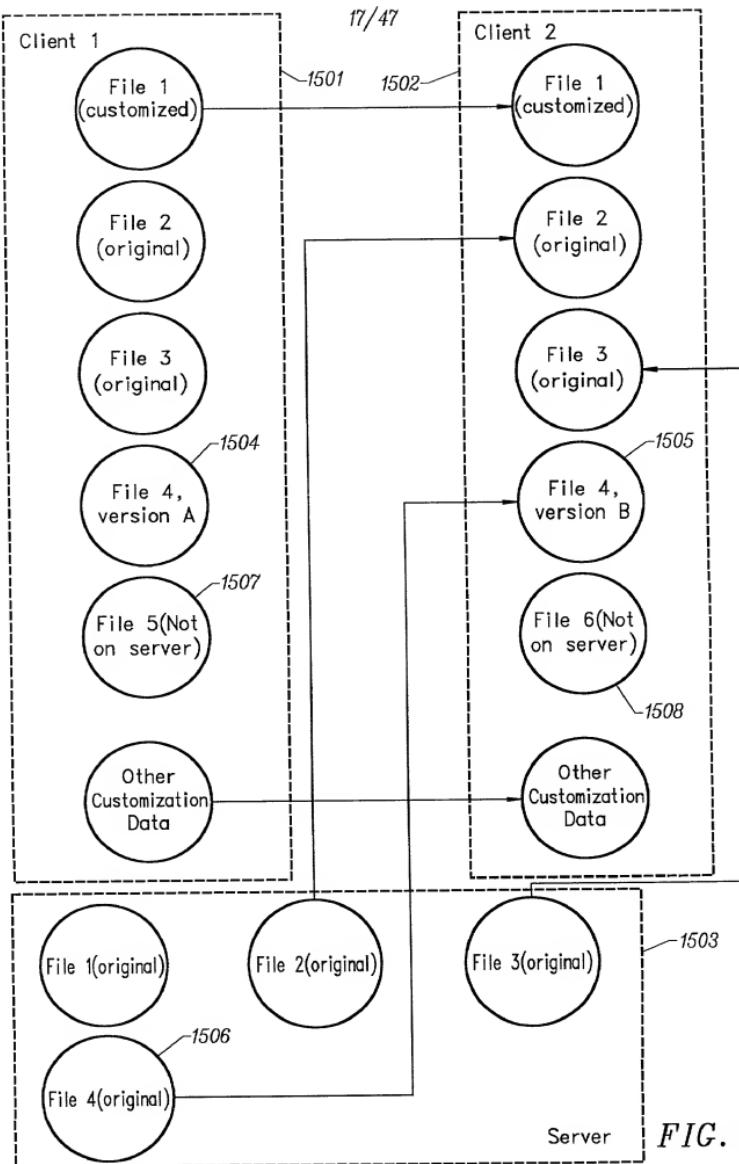


FIG. 15

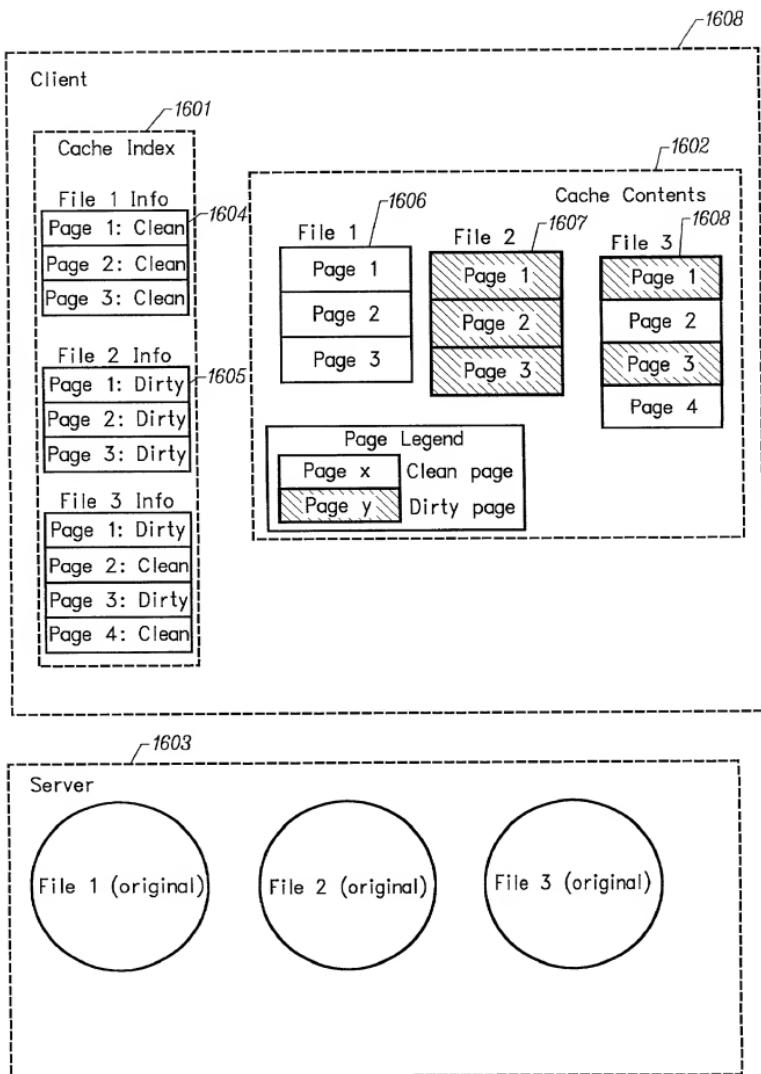


FIG. 16

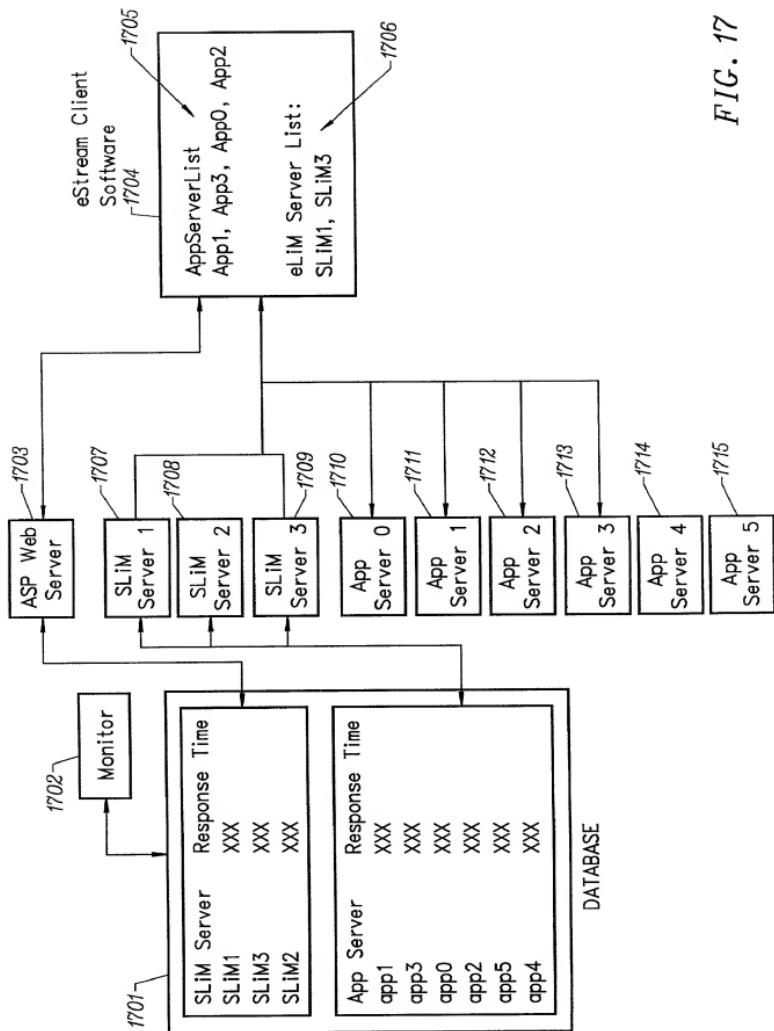
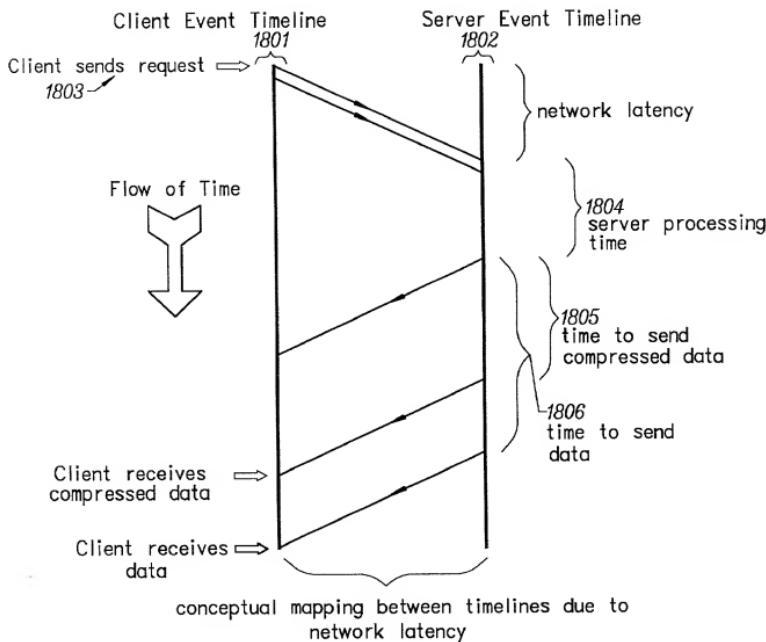


FIG. 17



Client receives data sooner if it is compressed

FIG. 18

Pre-Compression

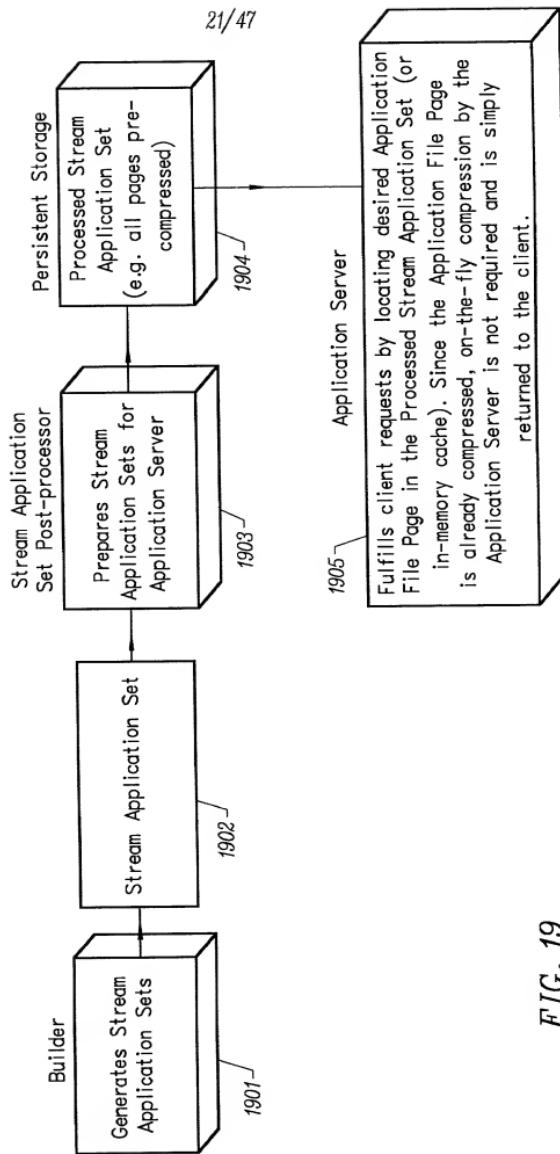
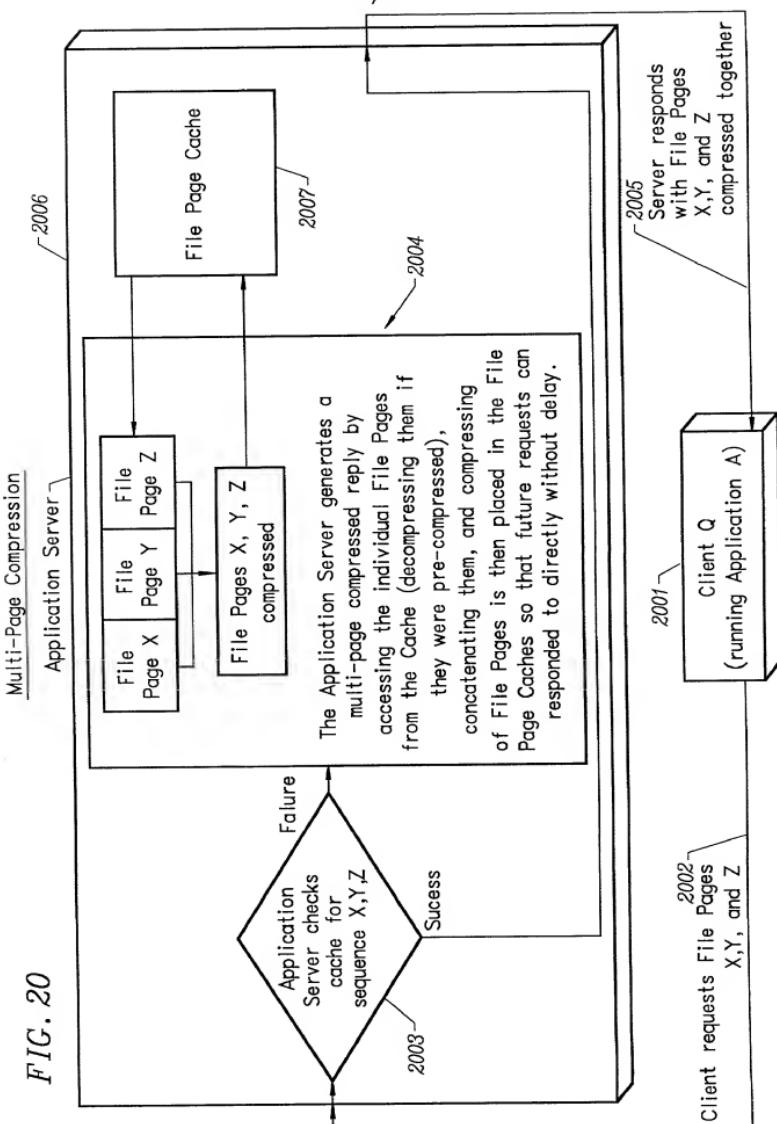


FIG. 19

FIG. 20



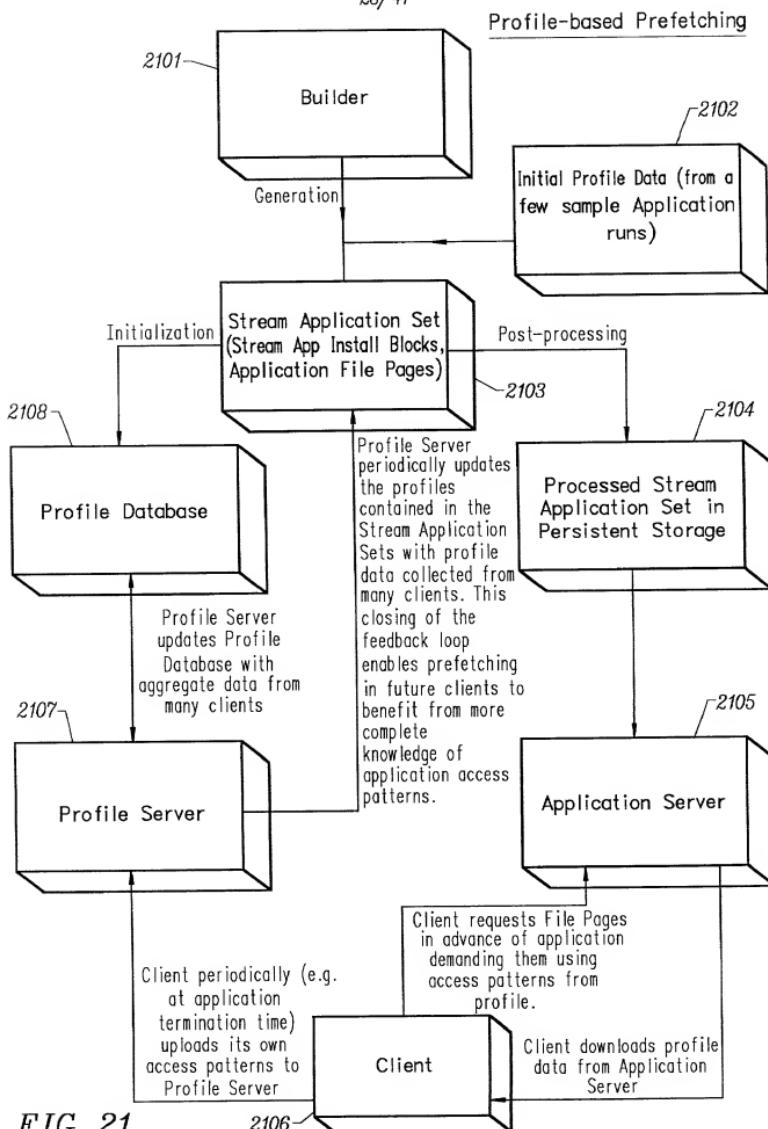


FIG. 21

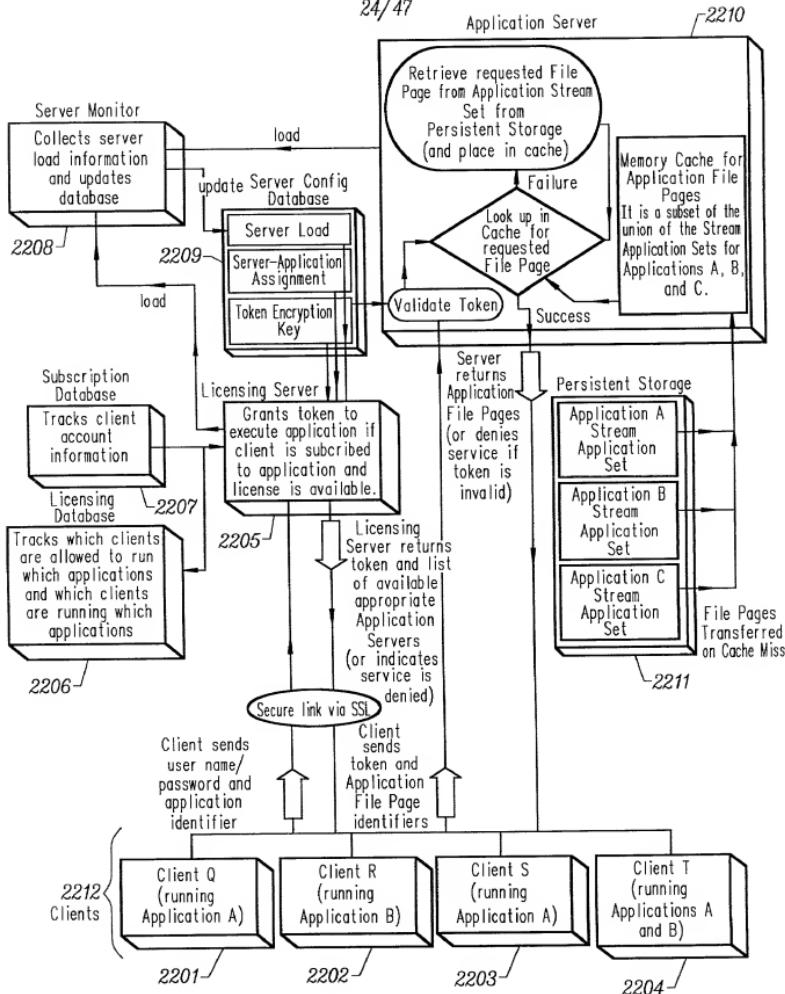


FIG. 22

Builder Install Monitor (IM) Control Flow Diagram

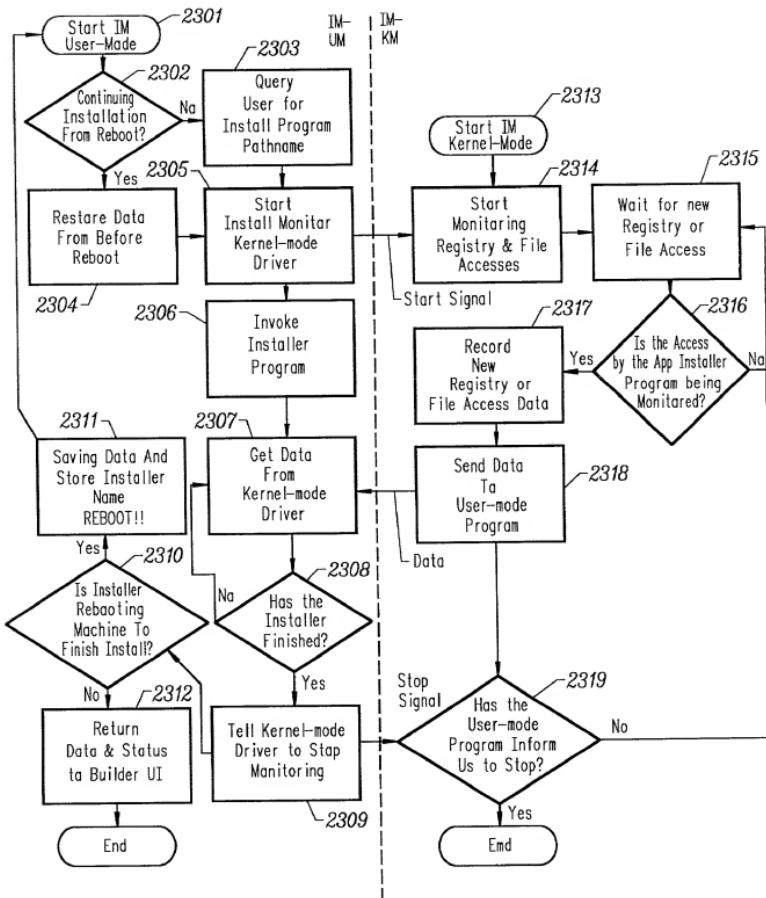


FIG. 23

Builder Application Profiler (AP) Control Flow Diagram

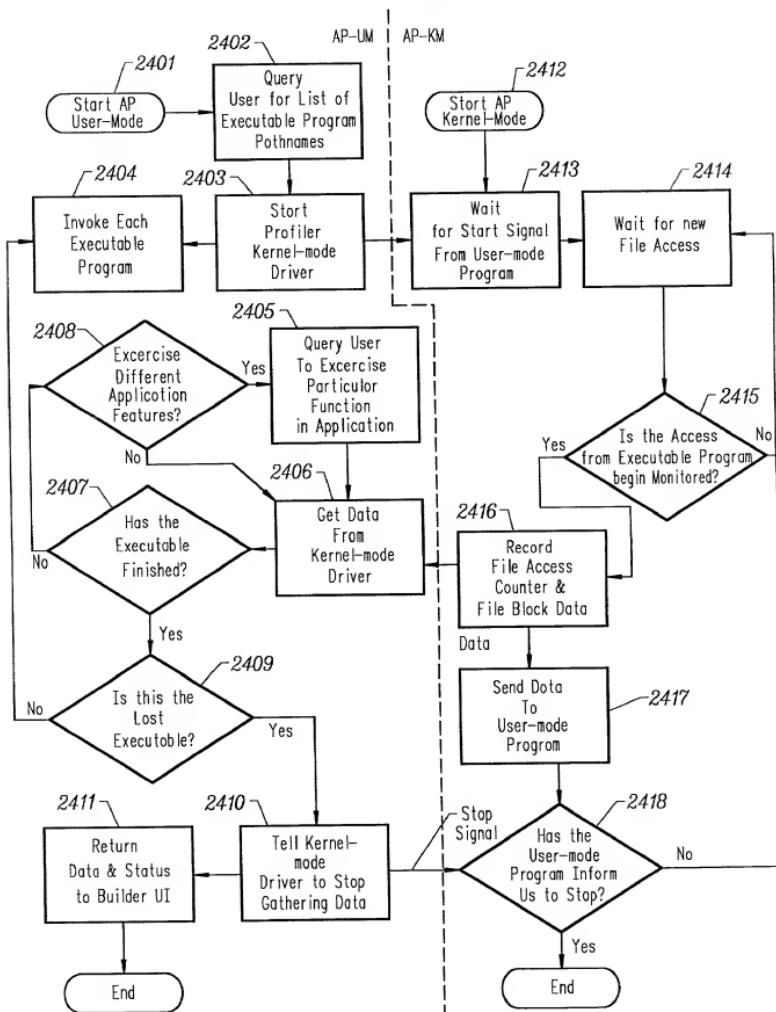


FIG. 24

Builder SAS Packager (SP) Control Flow Diagram

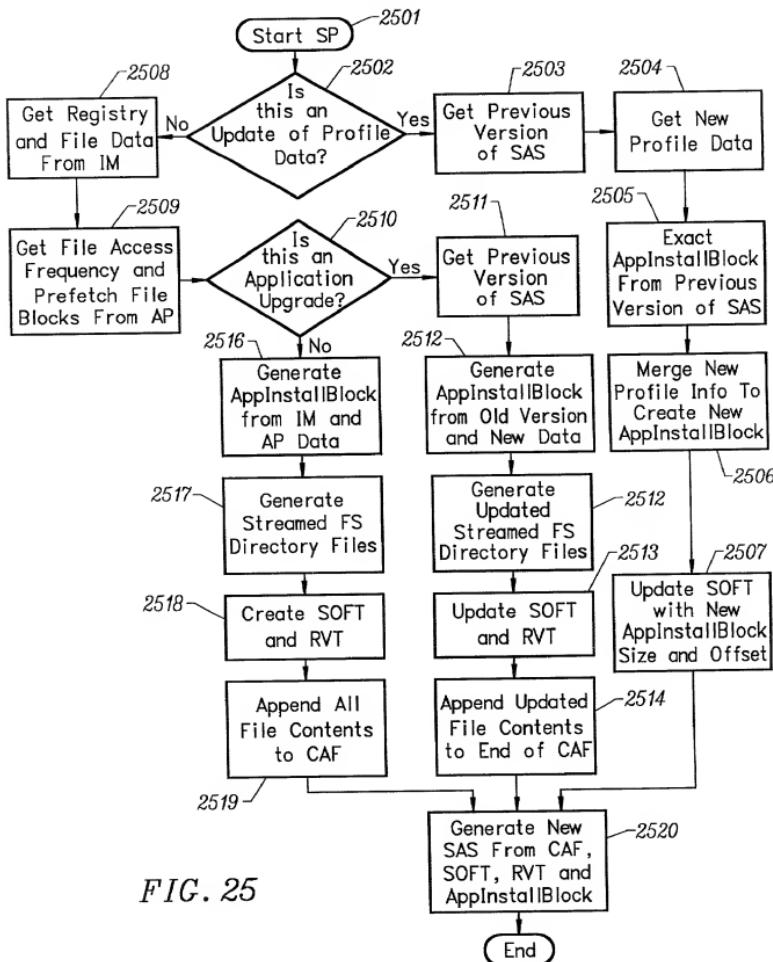


FIG. 25

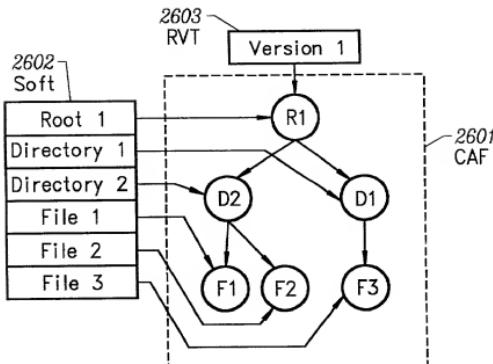


FIG. 26A

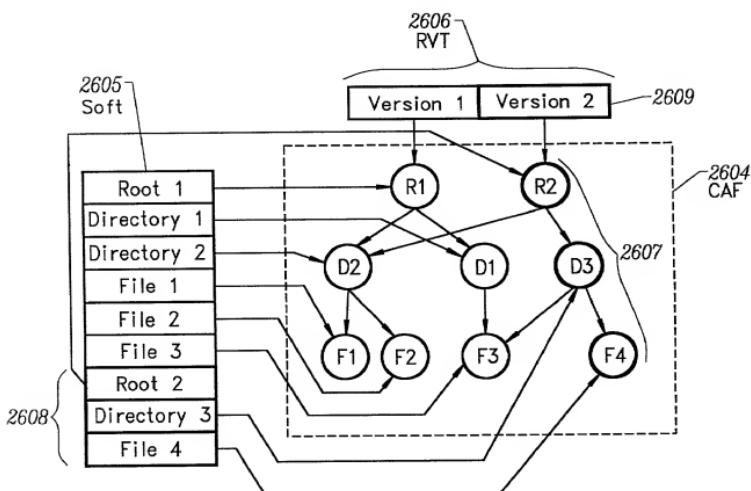


FIG. 26B

Streamed Application Set (SAS) Builder Data Flow Diagram

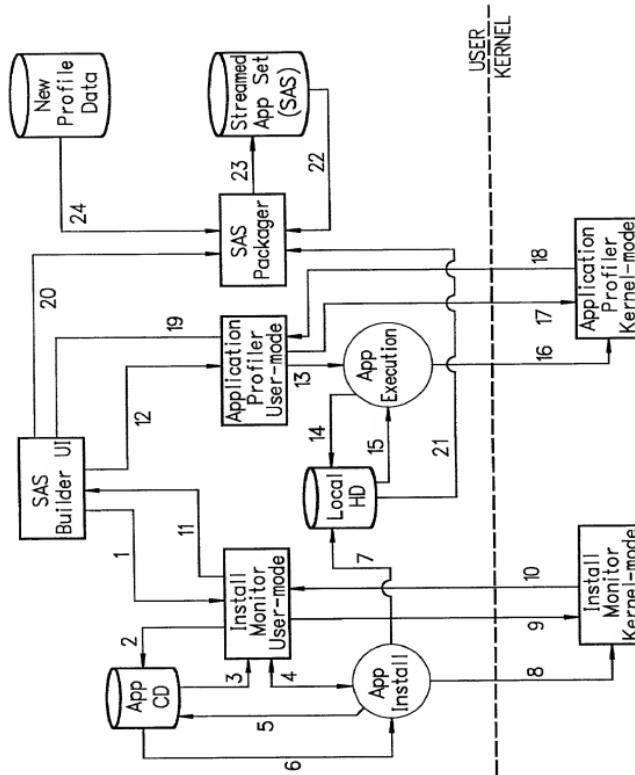


FIG. 27

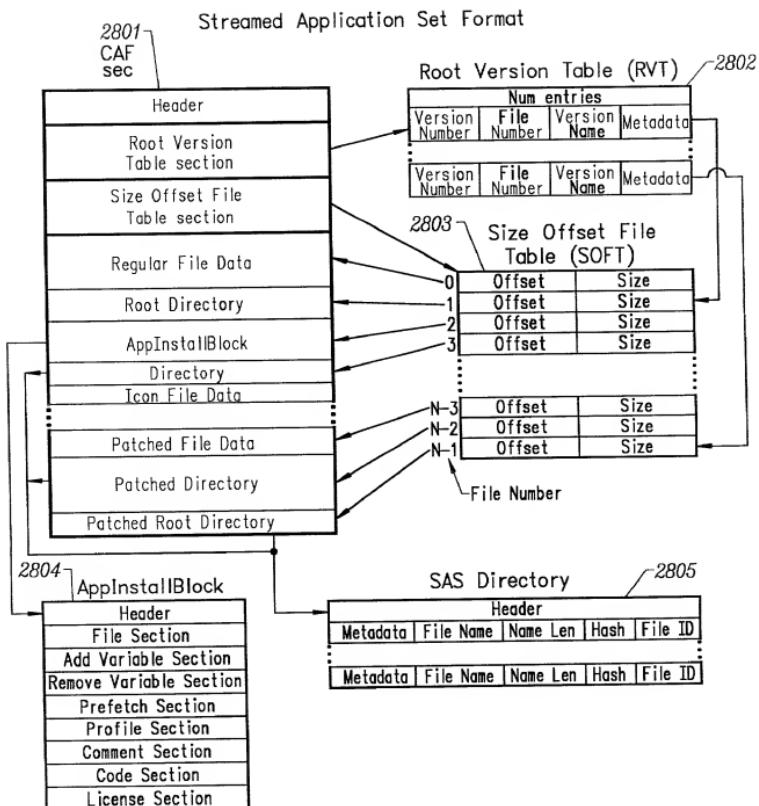


FIG. 28

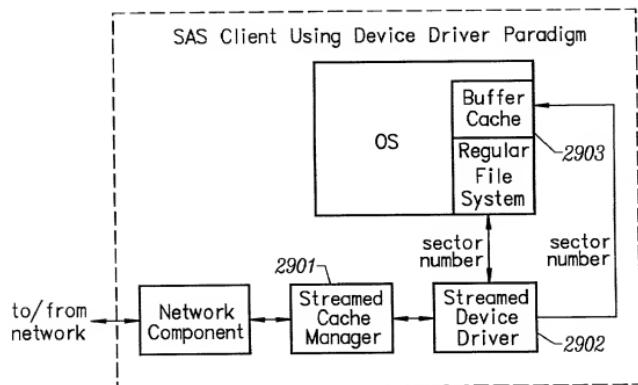


FIG. 29

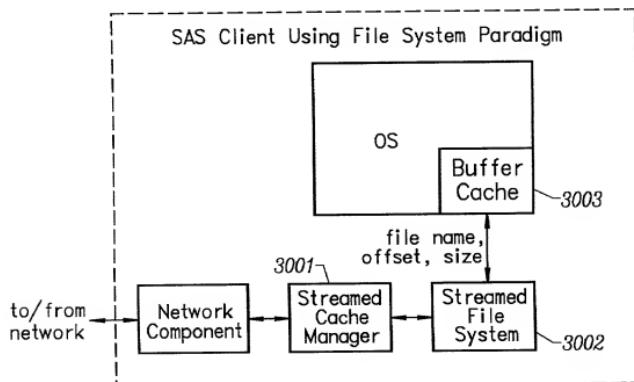


FIG. 30

A/B Version		AppID (GUID)				bytes	
AppID cont.		Version No			Client OS bitmap	Client OS ServicePack	
Header Byte Size	Number Sections	Section 1 Type (Files)	Section 1 Byte Offset	Section 1 Byte Size			
Section 2 (Registry)		Section 2 Byte Offset	Section 2 Byte Size	Section 3 (Prefetch)			
Section 3 Byte Offset		Section 3 Byte Size	Section 4 (Profile)	Section 4 Byte Offset			
Section 4 Byte Size		Section 5 (Comments)	Section 5 Byte Offset	Section 5 Byte Size			
Section 6 (Code)		Section 6 Byte Offset	Section 6 Byte Size	App Name	Application Length	Application Name (x bytes)	

FIG. 31A

Section 1
Offset

Flags		NumChildren	Directory Name Length	Directory Name (x bytes)			x bytes	
Flags		File version	File Name Length	Data Length			File Name (x bytes)	
File Name (x bytes) cont.					Data Content (x bytes)			

FIG. 31B

Section 2
Offset

Exist File		Key Flag	Number Children	Value Type	Key Name Length	Key Name (x bytes)	Value Data (x bytes)	x bytes	
Key Flag		Value Type	Value Name Length	Value Name (x bytes)		Value Data (x bytes)		x bytes	
Key Flag									

FIG. 31C

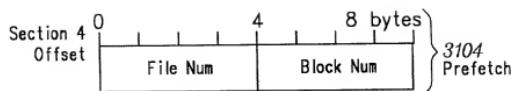


FIG. 31D

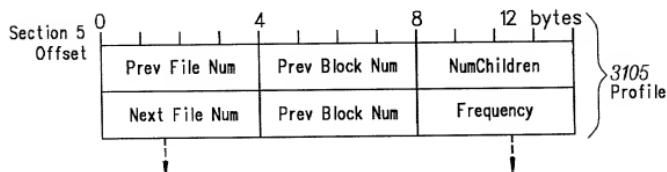


FIG. 31E

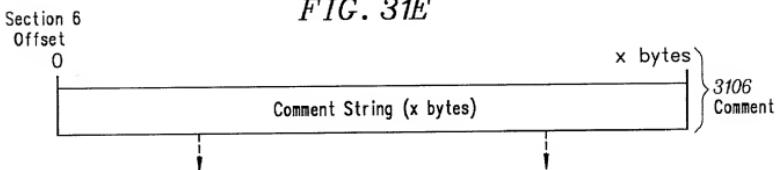


FIG. 31F

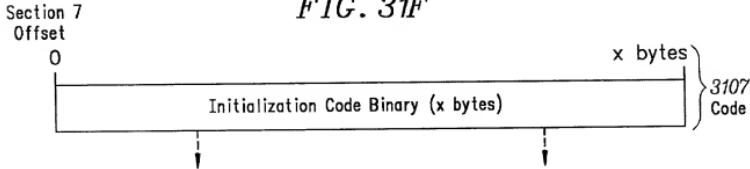


FIG. 31G

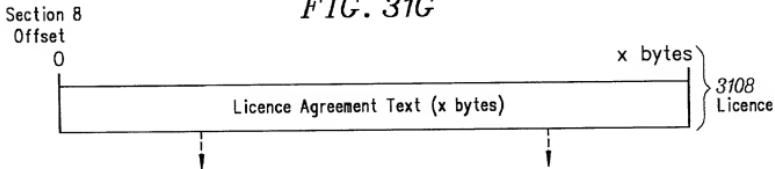


FIG. 31H

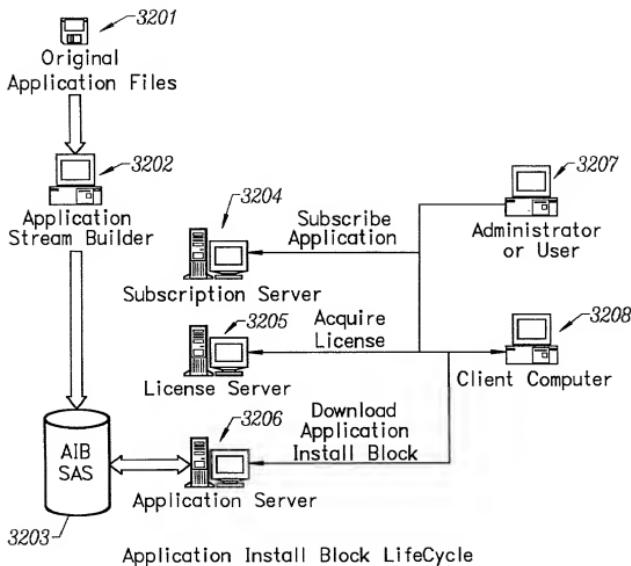


FIG. 32

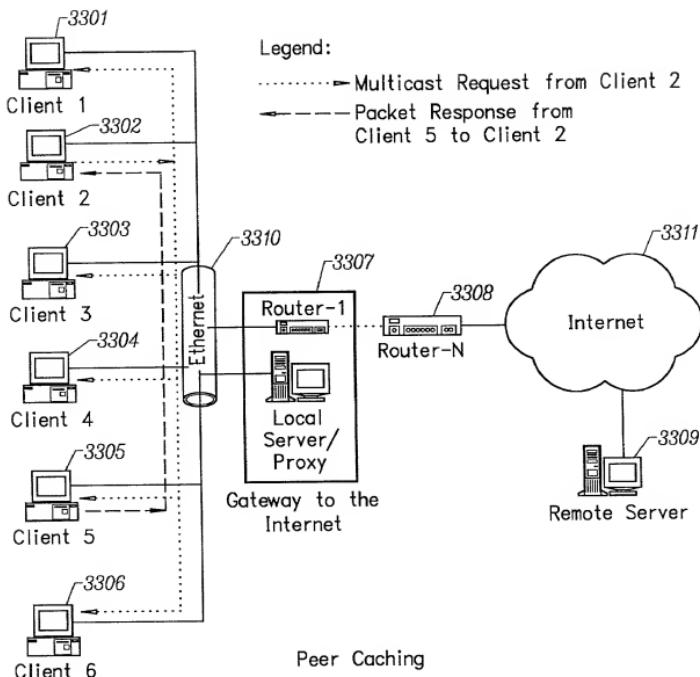


FIG. 33

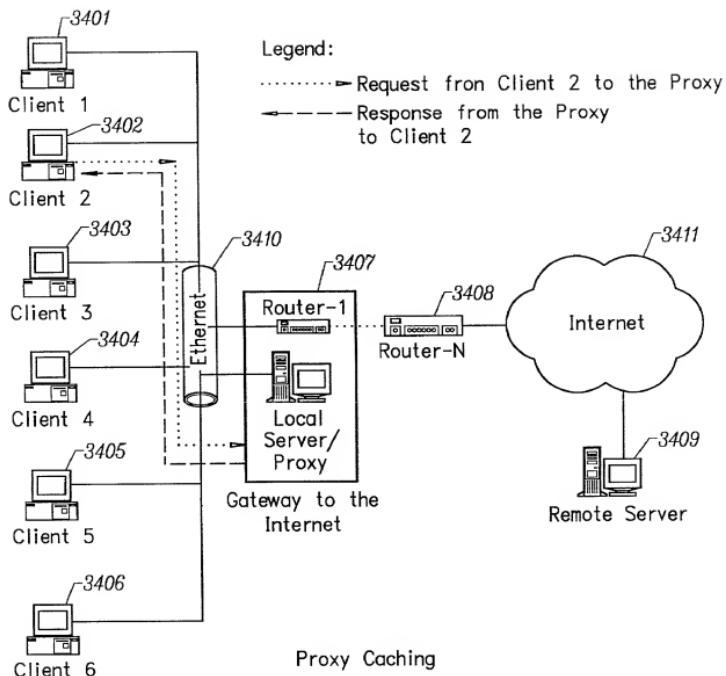


FIG. 34

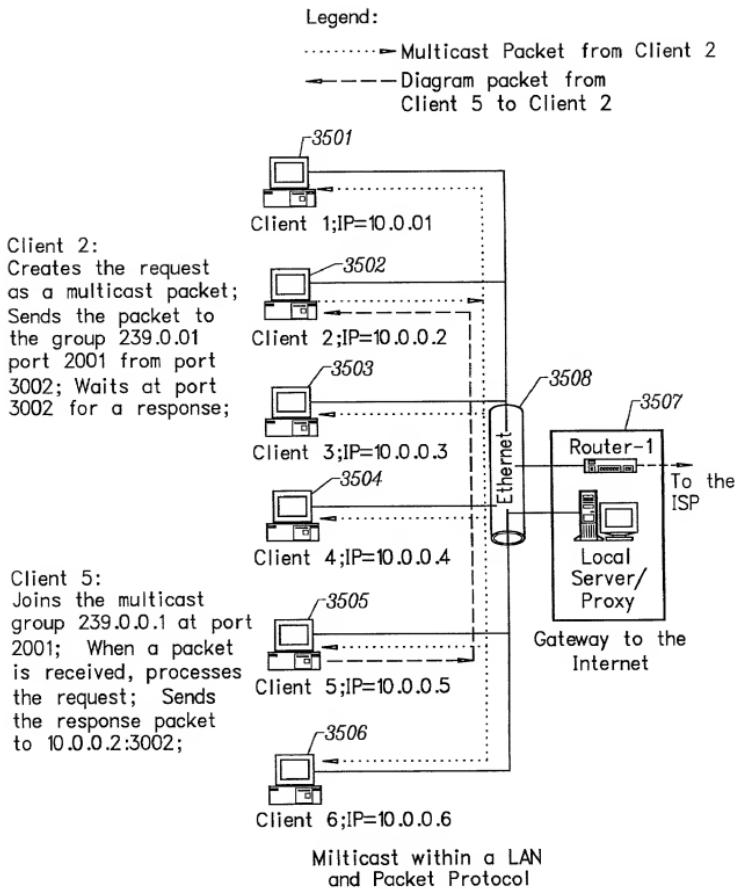
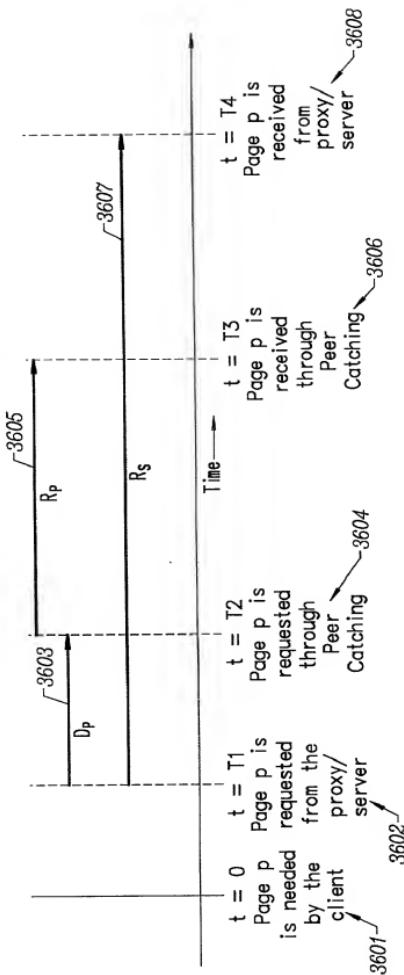


FIG. 35

D_p = Delay before using Peer Catching

R_p = Response time of Peer Catching

R_s = Response time of the proxy/server



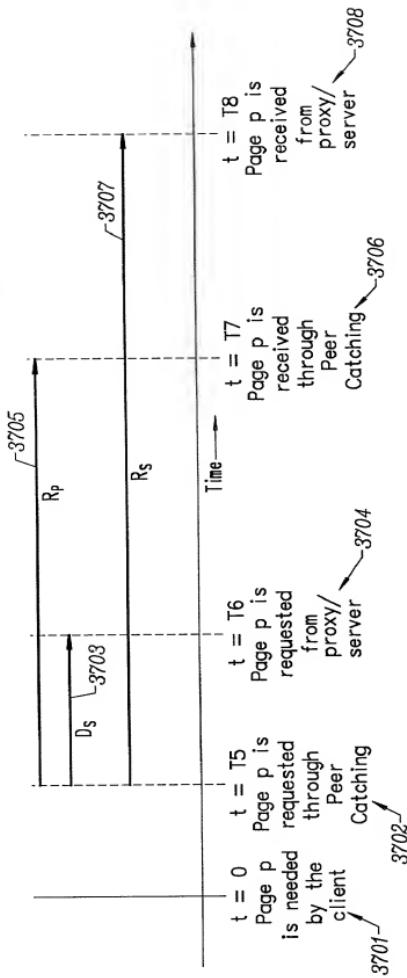
Concurrent Requesting – Proxy First

FIG. 36

D_s = Delay before requesting proxy/server

R_p = Response time through Peer Caching

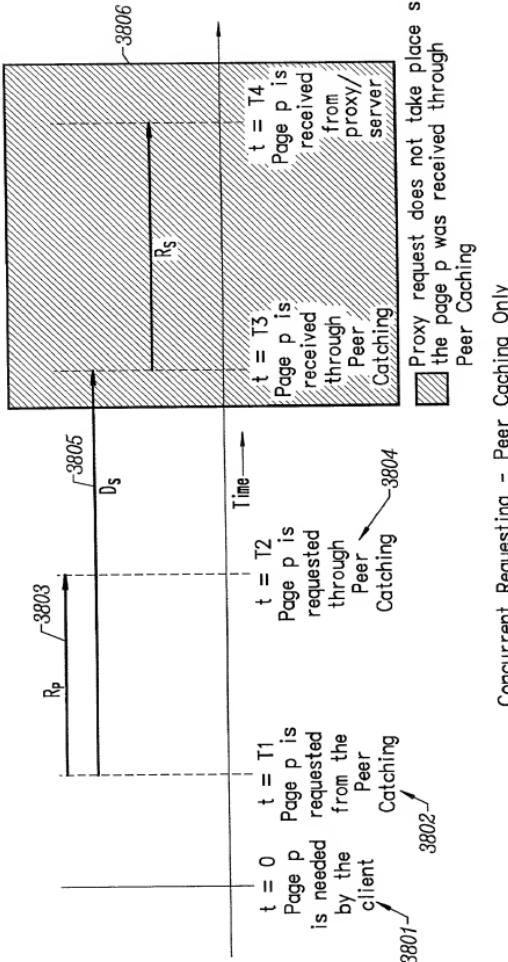
R_s = Response time of the proxy/server



Concurrent Requesting – Peer Catching First

FIG. 37

D_s = Delay before requesting proxy/server
 R_p = Response time through Peer Caching
 R_s = Response time of the proxy/server

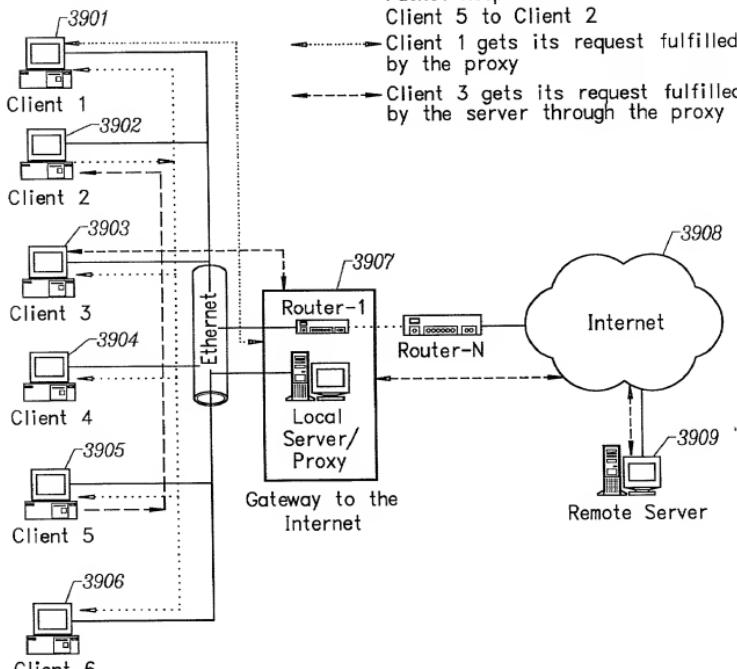


Concurrent Requesting - Peer Caching Only

FIG. 38

Legend:

- → Multicast Request from Client 2
- ←----- Packet Response from Client 5 to Client 2
- Client 1 gets its request fulfilled by the proxy
- Client 3 gets its request fulfilled by the server through the proxy



Client-Server System with Peer and Proxy Caching

FIG. 39

Preventing Piracy of Remotely Served,
Locally Executed Applications

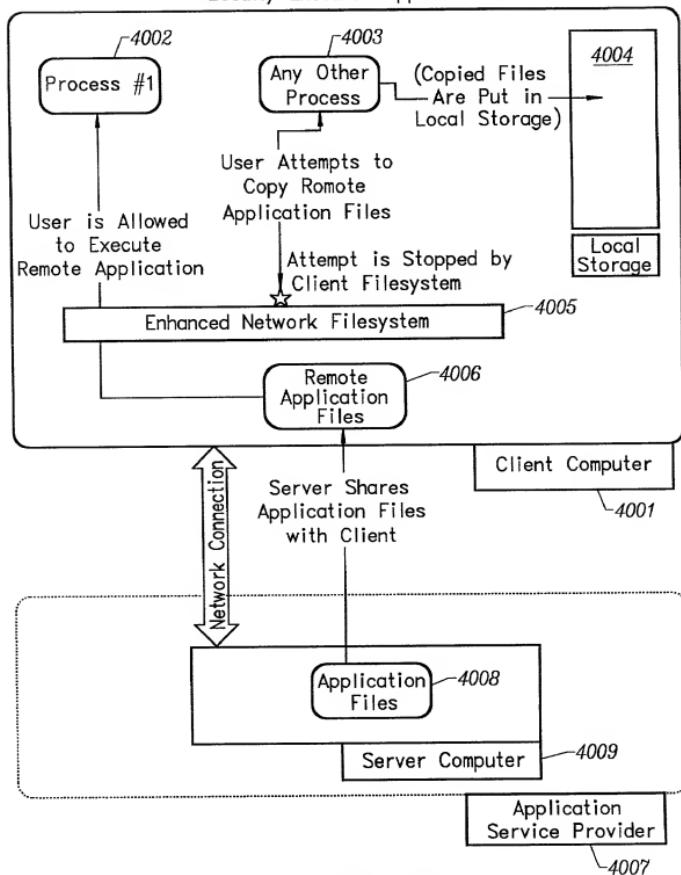


FIG. 40

Filtering of Accesses to Remote Application Files

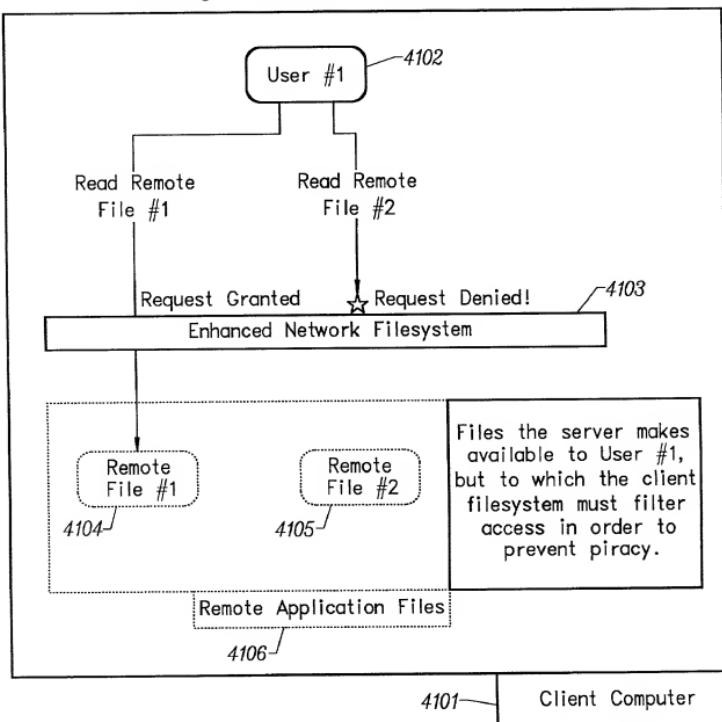


FIG. 41

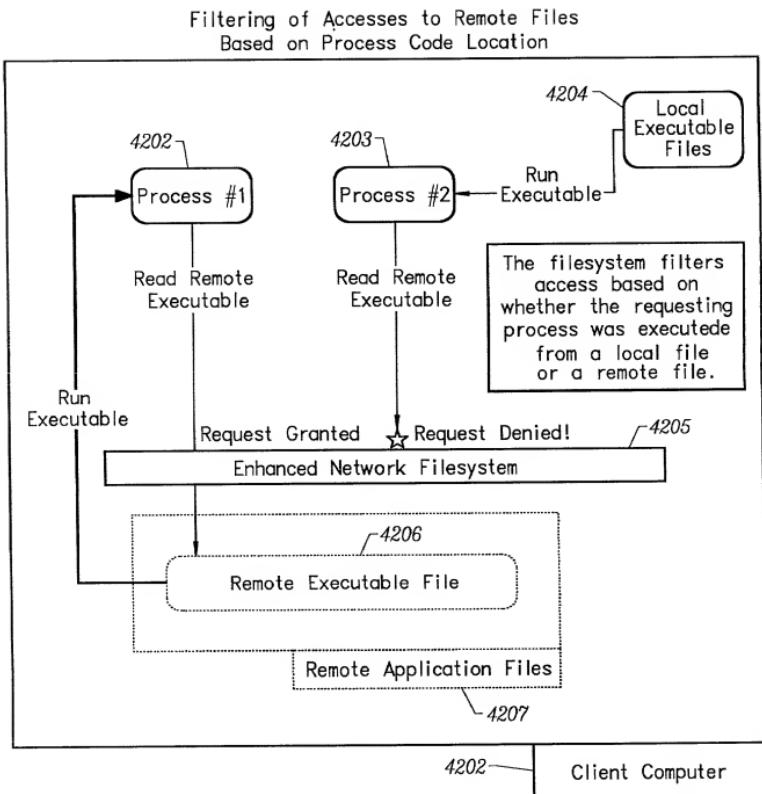


FIG. 42

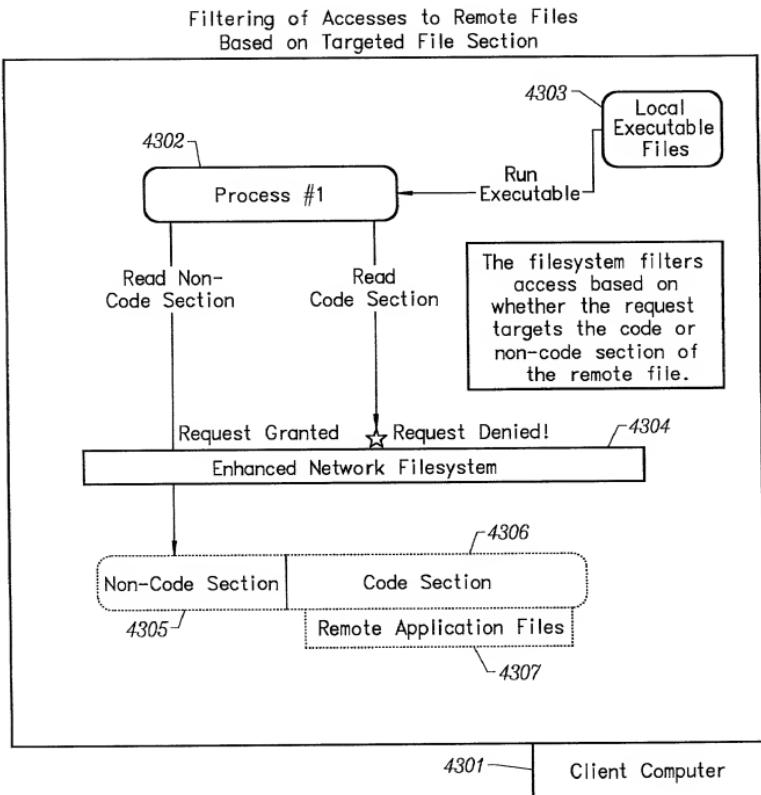


FIG. 43

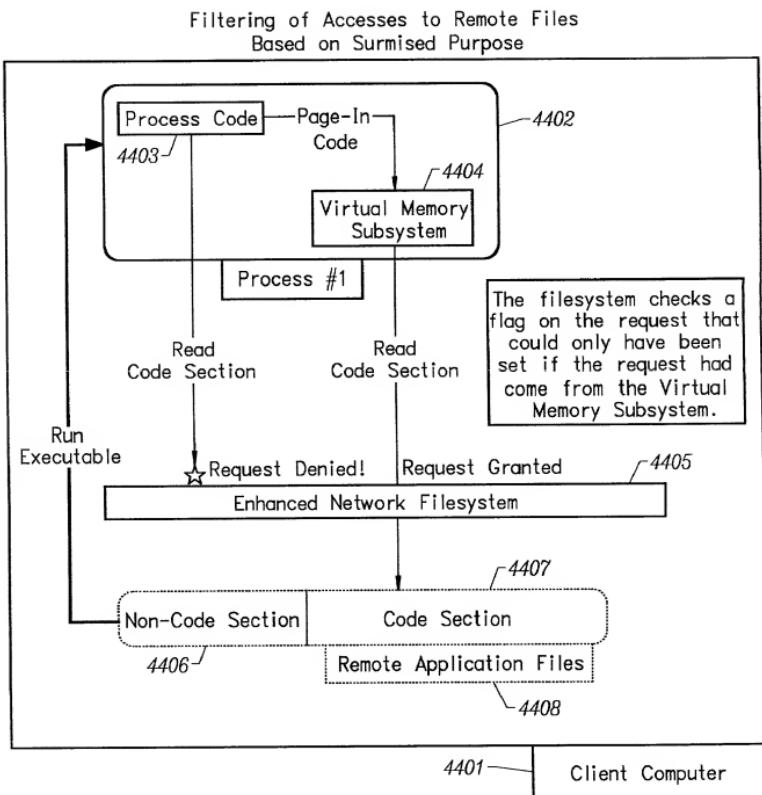


FIG. 44

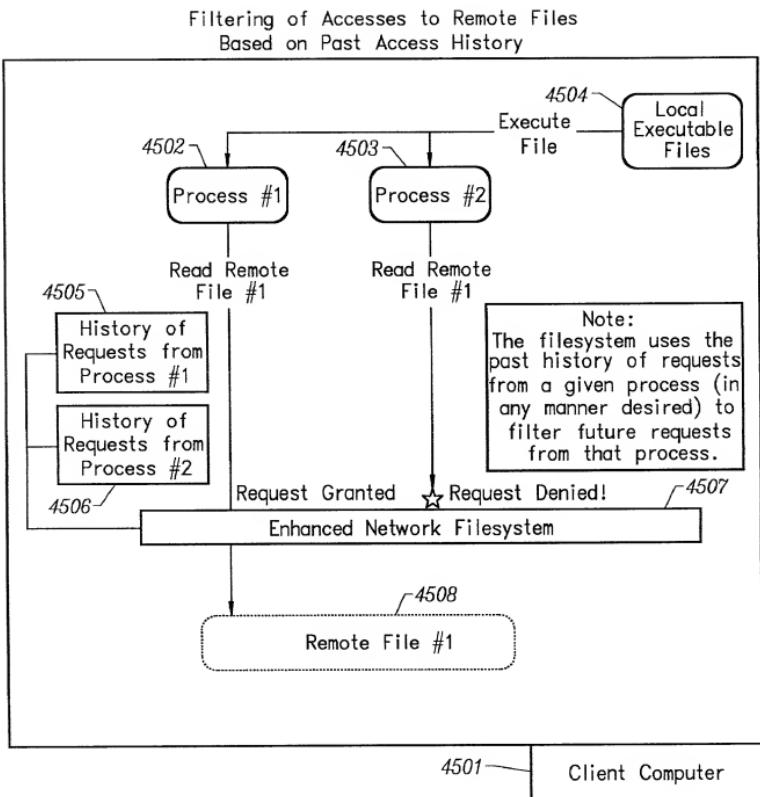


FIG. 45